SAMTRACinc.

WOLF

CE

www.samtracinc.com

EXCAVATOR
WE80

Specifications

Travel System	
Travel motors	**Eaton**
Support roller quantities	**2×6**
Carrier roller quantities	**2×1**
Travel shoes	**2×39**
Travel speed	**3.6/5.3(km/h)**
Drawbar pulling force	**63.5kN**
Grade ability	**70%(35°)**
Track shoes thickness	**8.5mm**

Engine	
Model	**Yanmar 4TNV98T**
Type	**turbocharged; 4 stroke, direct injection, water cooled**
No. of cylinder	**4**
Displacement	**3.319L;**
Power output	**54.3kw/2200rpm**
Max. torque	**277～301N.m/1650±100 rpm**
Hydraulic System	
Pump	**KPM**
Type	**variable double–piston pump**
Max. discharge flow	**2X79.2(L/min)**

Specifications

Max. discharge pressure	
Boom, arm and bucket	**27.5 MPa**
Travel circuit	**23.5 MPa**
Swing circuit	**23.5 MPa**
Control circuit	**3.9 MPa**
Pilot control pump	**Gear type**
Main control valves	**KYB, Japan**
Oil cooler	**Air cooled type**
Cab & Electrical System	
Cab	**Cab installed with silicon oil rubber, adjustable luxurious seat, cold and warm air-conditioning system plus flexible pilot control system**
Voltage	**12V**
Batteries	**1X12V**
Battery capacity	**120Ah**
Boom, Arm & Bucket	
Boom cylinder	**Φ110×Φ75×S1000-L1480**
Arm cylinder	**Φ100×Φ65×S870-L1335**
Bucket cylinder	**Φ55×Φ90×S710-L1115**
Swing System	
Swing motor	**KYB**
Swing motor type	**Axial-piston motor**
Brake	**Hydraulic oil released**
Parking brake	**Hydraulic disc brake**
Swing speed	**11 r/min**
Refilling Capacity & lubrication	
Fuel tank	**135 L**
Cooling system	**18 L**
Engine oil	**10.5 L**
Hydraulic oil tank	**92 L Tank Oil Level / 128 L Hydraulic System**
Bucket	
Bucket capacity	**0.34m3 (SAE)**
Bucket Capacity scope	**0.105-0.51m3**
Number of bucket teeth	**5**
Bucket width	**824 mm**

Working ranges	
Boom length	**3905mm**
Max. digging height	**7280mm**
Max. dumping height	**4970mm**
Max. digging depth	**4265mm**
Max. vertical digging depth	**3200mm**
Max. digging distance	**6800mm**
Max. digging reach at ground level	**6665mm**
Min swing radius of work equipment	**2160mm**
Digging Force (ISO6015)	
Arm length	**1750mm**
Bucket digging force	**60.8 KN**
Arm digging force	**47.1 KN**
Overall Dimensions	
Overall length	**6470mm**
Ground contact length	**3400mm**
Overall height(to top of boom)	**2545mm**
Overall width	**2250mm**
Overall height(to top of cab)	**2600mm**
Counter weight ground clearance	**820mm**
Min Ground clearance	**403mm**
Tail swing radius	**1870mm**
Track grounding length	**2200mm**
Track length	**2785mm**
Track gauge	**1800mm**
Track width	**2250mm**
Track Shoe width	**450mm**
Counter weight height	**1785mm**
Revolving frame width	**2195mm**
Distance from swing center to tail	**1870mm**
Operating Weight and Ground Pressure	
Operating weight	**8080 Kg**
Ground pressure	**39 KPa**

SAMTRACinc.

Phone: 01222285782 - 01222100310
Email : wolf@samtracinc.com
75 Al Teroli Street, El-Salam City, Cairo, Egypt

www.samtracinc.com